

FOLIO

Expansion is Byword of Local Government Studies Program

To resurrect a declarative statement favored by the American high command in the Second World War, "The big push is on." "Push," in this instance, refers to this University's Local Government Certificate Program. An expansion of the long-running program began recently and when the smoke clears in 1986, the program will be the largest of its kind in Canada. More than twenty-five course titles will be available through correspondence or face-to-face instruction. Many of the new courses, *Folio* learned at the recent open house marking the opening of the program's new office in

Ring House 2, will be of general interest to all local authority administrators and others concerned with Alberta local government. Accompanying these general interest courses will be specialized course offerings in local government financial administration, municipal and county administration, and school business management.

The push will be abetted by an annual grant from Alberta Advanced Education, student tuition fees, and other contributions. The yearly grant of \$250,000 will fund program administration, curriculum development, and instructor training,

as well as provide a partial subsidy for course delivery.

This fall, Local Government Certificate Program graduation requirements for new students were raised to eight courses and it is proposed that program graduation requirements be raised to ten courses by the fall of 1985.

Among those who will in all likelihood be interested in specific elements of the program are village and small town administrators and secretary-treasurers, health unit administrators, municipal assessors, Indian Band and Metis colony administrators, administrators from other local authority organizations, school trustees, municipal counsellors, and members of the legal, accounting, and planning professions.

The Local Government Certificate and the Municipal Assessment Certificate Programs were launched in 1959. Representatives from the Department of Municipal Affairs and various professional associations lent a hand to ensure that the studies were aligned with professional practice.

To date, more than 800 administrators and assessors have graduated from the Local Government Studies Certificate Programs. Many of Alberta's senior municipal administration and assessment officers are among the alumni.

Albert A. Einsiedel, Jr. is the Program Director of Studies in Local Government. Dr. Einsiedel, who is also an Associate Professor of Extension, is an organizational/industrial psychologist who took his doctoral training at Indiana University.

He directed Syracuse University's Human Services Management Program, and was an Adjunct Professor of Social and Political Psychology.

Dr. Einsiedel has taught industrial

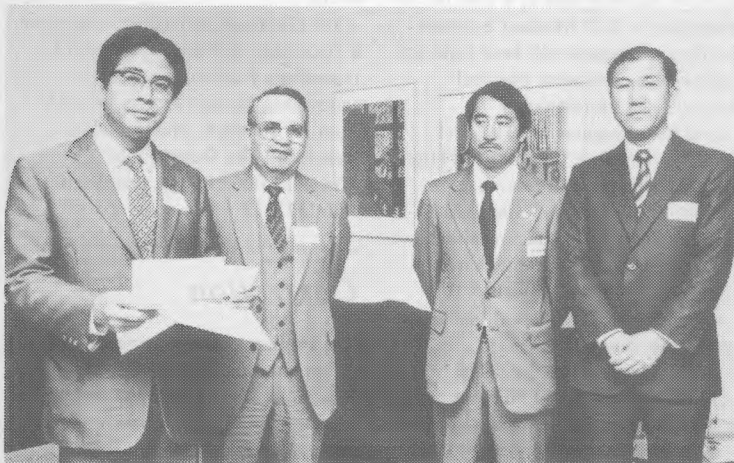
and organizational psychology at Case Western Reserve University and has been a management consultant for a number of large organizations, specializing in management development, project planning and evaluation, human motivation, organizational development, and occupational stress.

Originally from the Phillipines, Dr. Einsiedel immigrated to Canada last August from the United States. He succeeded Edd Le Sage as program director.

As mentioned, Ring House 2 is the new home for the Studies in Local Government personnel. The renovated facility contains the offices of seven staff members and a conference room. Plans call for the addition of computerized text editing and registration equipment and a resource library and program material archives.

Something to watch for in the expanded program is a "promise of performance" given by The University of Alberta to cooperate with other post-secondary institutions in developing and delivering the program. The University is organizing a network of institutions to offer face-to-face instruction to local administrators throughout Alberta.

Dr. Einsiedel and Mary Coward, Editorial Coordinator, envisage a strong group of professionals coming forward to actively research, publish, and teach in the field of local government administration. These individuals would then generate and transmit knowledge essential to the advancement of local government administrator practice. In this way, the expanded Local Government Certificate Program will play an important role in assisting local government administrators and their associations to realize higher professional aspirations. □



In 1980, formal recognition was given to a long-standing friendship that has existed between the Japanese Province of Hokkaido and the Province of Alberta. Since then, there has been a "steady deepening of that friendship and affiliation," according to T. Uemura, Director-General of the Hokkaido Department of Development and Coordination. A good example of the importance placed on that relationship was in evidence on 23 November at University House when representatives of the Government of Hokkaido presented the University with more than 400 books on the culture, history, and people of Hokkaido. Above: Making the presentation to President Horowitz was Mr. Uemura (left) who brought greetings from the Hokkaido Governor. Accompanying him were Yutaka Ito (second from right), who acted as Alberta interpreter, and K. Yamashita (far right), Director of the Northern Regions Research Office of Hokkaido.

Researcher Probing Farm Information Communication

Meet Niranjan Singh Sandhu. An Associate Professor of Extension Education at Punjab Agricultural University, Dr. Sandhu is currently based in our University's Faculty of Extension as an International Development and Research Centre (Ottawa) Fellow. He is studying farm information communication in Canada, an undertaking which involves strategies, media, methods and needed priorities.

The research project is being carried out with the cooperation of the Faculty of Extension and the Extension Division of Alberta Agriculture and the sponsorship of the International Development Research Centre.

Dr. Sandhu, who is also conducting research on the project in Ontario, has selected three districts—Smoky Lake, Red Deer, and Lethbridge—and has sent a questionnaire to fifty randomly selected farmers in each district.

"Your cooperation might help us to arrive at some useful ways to improve farm information communication in this country," reads a portion of Dr. Sandhu's covering letter.

The ten-page questionnaire asks the individual farmer to indicate which three of the eight listed objectives of a farm information communication strategy are preferred. He is also asked to check those areas of farm



information covered through various farm information communication media during the past year. Crop production technology and economics, livestock and poultry management, dairy technology and economics, farm planning and management, farm engineering, market information and strategy, and agricultural taxation and laws are among the topics listed.

The questionnaire goes on to solicit input on what, from the farmer's point of view, are the two most important functions of newspapers, farm magazines, radio, television, Alberta Agriculture, and District Agriculturalists with respect to conveying farm information.

Various examples of print media, electronic media, interpersonal, and non-personal media, and applied research and testing programs are cited and the questionnaire recipient is asked to check the ones being used by the extension agencies in his county to communicate farm information to farmers.

Questions on the suitability and effectiveness of communication strategies and media/extension methods and on the perceived importance of selected sources of farm information complete the document.

The exercise will be duplicated in Ontario and Dr. Sandhu will analyse the returned questionnaires and write a report.

Having visited a few Alberta farms since his arrival in mid-October for an initial three-month appointment, he feels that farmers need more business management training and that radio

and television should be used to a greater extent for educational purposes.

Dr. Sandhu is also of the opinion that too much attention is paid to "successful" farmers at the expense of "small" farmers, that is, those without much capital to invest.

Dr. Sandhu holds MA, MSc, and PhD degrees and has conducted extension training programs for farmers and staff for some twelve years. The author of thirty research papers and twenty-one scientific and

popular articles, he visited in Canada in June 1978 to attend a training course in teaching and extension methods in agriculture at the University of Guelph under a UNESCO/CIDA arrangement. Later that summer he visited various agricultural institutes in Norway.

His report on farm information communication in Canada will, he stresses, simply present his observations. He is planning to complete it by the end of January 1983. □

D. Carleton Gajdusek, Nobel Laureate, to Present Seminars

D. Carleton Gajdusek, 1976 Nobel laureate in Medicine and/or physiology for his discoveries of new mechanisms of infection and pathogenesis of human diseases, will present two seminars during his visit to the University.

At 4 p.m. today in 2-31 Medical Sciences Building and at 4 p.m. on 10 December in 2-27 Medical Sciences Building, audiences will hear from this pediatrician, virologist, physical chemist, and ethnologist of international reputation. The first seminar is entitled "Solutions to High Incidence Foci of Chronic Neurological Diseases;" the second seminar is entitled "Unconventional Viruses: Defective Genome, Viroid, Derepressor, Prison or Virusoid?"

Construction activity will be halted during the seminars.

Dr. Gajdusek, Director of the Laboratory for Central Nervous System Studies, National Institutes of Health, Bethesda, Maryland, is visiting our University under the auspices of the Alberta Heritage Foundation for Medical Research and the Neurovirology Research Unit, Departments of Medical Microbiology and Medicine.

During a study of primitive cultures in New Guinea, Dr. Gajdusek was introduced to an epidemic of a disease new to Western medicine, kuru. During the first decade of kuru study, he and his colleagues at his laboratory at the National Institutes of Health proved kuru to be a slow virus infection; it was the first chronic

disease of man shown to be such an infection.

As Director of the Laboratory of Central Nervous System Studies, Dr. Gajdusek continues his active research in pediatrics, virology, immunology, endocrinology, and genetic problems in isolated populations throughout the world.

Dr. Gajdusek arrived on campus on 8 December and will depart on 13 December. Further information concerning his visit can be obtained from R. Marusyk, Neurovirology Research Unit, Department of Medical Microbiology, telephone 432-2323. □

Correction

The caption accompanying the photo on the calendar page in the 25 November *Folio* contained some inaccuracies. To set the record straight, the donation of books that the Department of East Asian Languages and Literatures received from the Japan Foundation this year totals 183, in which are included a ninety-seven-volume set on modern Japanese literature and a ten-volume set of studies on oriental thought. The remainder of the donation consists of Japanese language dictionaries, books on Japanese language and linguistics, Japanese language texts, and back issues of a journal on Japanese language teaching. Also, this was the fifth such donation by the Japan Foundation in as many years.

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The Office of Community Relations
423 Athabasca Hall
The University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325

All enquiries and correspondence should be directed to:
Ron Thomas

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Around and About

Not so deep in December it's nice to remember (or discover) that:

●CANSAVE Christmas cards are available at the English Department Office, 3-5 Humanities Centre. Packages of ten are priced at \$3.50 and \$2.

●The Library's Memorial Book Fund is a beneficent course of action should you wish to make a contribution toward the purchase of a book in recognition of a momentous event, be it happy or sad. (The Graduate Students' Association, for example, recently donated \$250 in honor of the late John Forster.)

●'Tis the season for reading and for gifting readers. The University Bookstore can be of assistance with

The University of Alberta 1908-1983 and Dear Editor, Selected Letters to the Gateway 1908-1982. The former, which contains a great many archival photos, sells for \$12.95; the latter is priced at \$3.95.

●The Faculty of Business will be able to toast the opening of its new building and other milestones in style. At a reunion of BCom graduates from 1962 and 1963, C.J.B. McNamara, one of the 1962 graduates, presented the Faculty with six handsome pewter goblets. Each goblet is inscribed on one side with the Faculty's "Ship of Commerce" insignia; the other side states the date of the reunion and the graduating years concerned.

●Our American friends, in this case those behind the National Safety Council, are continuing their efforts to help make college and university students more safety conscious. As part of its program, the Council is offering a special student membership rate to all students registered in post-secondary institutions. The cost is \$20. Student members will receive information from one of two areas of their choice: safety and health or driver and traffic safety. Members during the year will receive three publications dealing with subject matters from either of these two areas.

As well, safety specialists are available to answer questions and assist with safety-related problems. Student members can also place a free job advertisement in *National Safety News*, the Council's monthly publication.

Another benefit is access to the world's largest safety library located at the Council. A computer is used to retrieve data for members' requests for general and technical information.

For an application form and more information, write to the School and College Department, National Safety Council, 444 North Michigan Avenue, Chicago, Illinois 60611.

●Calling Red Adair! Personnel Services and Staff Relations' *Communications Bulletin* proclaims that "this year's flammable storage cabinets are ready for use. If you require a cabinet in your area, please call extension 5614. Cabinets will be issued on a first-come first-served basis."

●Still with Bulletins, the *Riel Project Bulletin* reports that Volume 4 has been submitted to The University of Alberta Press and has begun the process that will take it to published form. This is expected to take about one year.

"This volume," the *Bulletin* says, "is of special interest because it brings together all of Riel's poetry. Unless major new discoveries are made, it will contain approximately 160 poems."

This is the second volume to be submitted to this point. Volume 3, which consists of Riel's later prose writings, is now in its final production stages. The other volumes containing Riel's writings are due this month and in June 1983, respectively. Volume 5, a reference volume which will include a chronology of the major events in Riel's life, will be worked on concurrently with the other volumes as time permits, the *Bulletin* notes.

●Back to Business. Because the event occurred at the end of the school year in 1981, the Faculty overlooked the submission of an announcement concerning the J. D. Muir Teaching Award. Let it be known that, on 28 April 1981, Dean Roger Smith of the Faculty of Business presented Terence E. Daniel with the J. Douglas Muir Award for Distinguished Teaching.

The award was created in honor of Dr. Muir, Dean-Elect of the Faculty at the time of his death in 1976.

Nominees for the award must exhibit consistently superior classroom performance and command of subject matter, as well as interest in creating new courses and improving existing ones. They must also have demonstrated concern for both the intellectual and personal development of their students, and a willingness to assist colleagues in improving their teaching methods and materials.

Professor Daniel, of the Department of Finance and Management Science, is the second recipient of the award. It was first given in 1980 to C.T.L. Janssen of the same department.

●At its November meeting, the Board of Governors voted to continue its subsidy of the HUB Day Centre until 31 March 1983 at the existing rate of \$8,706 per annum. On 1 April 1983 the subsidization will take the form of a five-year lease at an annual rental, inclusive of utilities and common area charges, of \$32,400 for the first year. Adjustments will be made annually on 1 April thereafter in the same proportion as the adjustment in the HUB apartment rentals, less a \$10,000 per annum contribution by the Day Care Centre. □



On Tuesday, 16 November, Alberta College held a 75th Anniversary party for The University of Alberta. A highlight of the evening, which recognized "the U of A's great contribution to the education of Albertans," was the presentation of a hand-crafted honorary degree lecturn and a set of ceremonial quill pens. In making the presentation, Gerald Lock, Professor of Mechanical Engineering and Chairman-Elect of the Alberta College Board of Governors, commented on the close links that have traditionally existed between the two institutions. Above: Chancellor Savaryn takes a closer look at the quill pens, subsequently used for the first time at Fall Convocation, 20 November.

Alma Mater Funds Available

The University's Alma Mater Fund now has money available to assist groups on campus engaged in worthwhile projects. The Fund is the vehicle through which our alumni make annual contributions to the University. These gifts are made with the understanding that they are to be used to assist projects which can give an added dimension to University activities.

In order to be eligible for support from the Alma Mater Fund, a project should have a strong student and student/community orientation, and not be of a type normally funded from general University operating or research funds. The Alma Mater

Fund is not intended to finance salary expenses, and proposed projects should not be designed to advance the academic careers of individual students.

Grants will not be made for the support of existing publications, and they are normally made to a project only once. Organizers of continuing projects should not expect annual support from the Fund.

Application forms are available from the Alumni Office, 430 Athabasca Hall, and must be submitted by 17 January 1983. For further information, please contact Susan Peirce, Director, Alumni Affairs, telephone 432-3224. □

Edward Wheelwright

EFF Distinguished Visitor, Political Science

Edward L. Wheelwright recently took time out from teaching at the University of Sydney's Department of Economics to be an Endowment Fund for the Future Distinguished Visitor to our University. In the course of his visit he delivered three public lectures.

He is the author or editor of ten books and has a book in press entitled *Australia: Client State of International Capital*. He has been an advisor or consultant for the Australian government on two occasions and was engaged by UNIDO as a consultant to the government of Malaysia in 1971-72. He has been a Visiting Professor

Fellow at the Australian National University, University of Malaya, University of Singapore, Di Tella Institute in Buenos Aires, the Institute of Economics in Moscow, the Academy of Science in Peking, and the University of Chile.

Professor Wheelwright's research has dealt with the broad area of political and economic development, and specifically with the political and economic impact of foreign direct investment and the problems of small and medium-sized countries as hosts of multi-national corporations.

Professor Wheelwright has also done work on Chinese socialism and

Malaysian industrialization.

Because of the similar openness of Australia and Canada to multi-national corporate investment, his presence in Canada, and particularly in Alberta, was mutually beneficial to him and to the members of the Departments of Political Science, Economics, and Sociology

whose research interests overlap in the field of political economy. In the Department of Political Science, both those in the Canadian politics field and those in comparative politics with an interest in Third World countries benefited from an exchange of ideas with Professor Wheelwright. □



In late November more than 300 Alberta scientists came together at The University of Alberta to share their research progress during the Second Annual Heritage Medical Research Days sponsored by the Alberta Heritage Foundation for Medical Research. Presentations covering a diversity of fields including genetics, pharmacology, neurophysiology, and microbiology were given by both young scientists just beginning their careers and well-established investigators. Above: J. Gordin Kaplan, Vice-President (Research) discusses a research project with Diane Taylor, Associate Professor of Medical Microbiology.

Japanese Business Authority Visits Campus

Robert J. Ballon, internationally recognized authority on the Japanese business system, was a visitor to the University from 7 to 10 November. A Professor of Economics and International Business at Sophia University in Tokyo, he is also Chairman of Sophia University's Socio-Economic Institute and Editor of its journal *Bulletins*.

In a guest lecture to the Faculty of Business, Professor Ballon offered a number of insights into the differences between the approach to management

and decision-making taken by the Japanese and those practiced in western countries.

During his three-day stay in Edmonton, Professor Ballon met not only with faculty and students at the University, but also with local businessmen interested in learning more about the Japanese approach to management and decision-making. He also spent some time with the international business classes of Rolf Mirus and Talaat Abdel-Malek. □

Campus Water Consumption Drastically Reduced

Since 1975 the Department of Physical Plant, through the Energy Management, Utilities and Maintenance areas, has actively pursued a water conservation program for the University. The Domestic Water Consumption Curve indicates that a 31.5 percent reduction in water usage has occurred between 1975-76 to the end of 1981-82. This reduction has occurred in spite of normal load growth and the addition of the Agriculture-Forestry Centre. The cost avoidance saving to the University for fiscal 1981-82 was \$303,000, roughly equivalent to the total water bill in 1975-76.

Water reductions have occurred as a result of several factors: abandonment of old water lines, improved metering, conversion of single pass domestic water coolers and condensers to closed-loop systems or chilled water, elimination of automatic flush systems in men's washrooms and the installation of more efficient spray nozzles on shower enclosures. Also, as a result of comments and suggestions from academic departments, staff, students, and concerned individuals, many other changes have been implemented or are under investigation. □

Christmas Comes to Convocation Hall

For the second year, The University of Alberta Chaplains' Association is sponsoring a Festival of Nine Lessons and Carols, to be held next Friday, 17 December, in Convocation Hall.

Based on the order of service used at King's College, Cambridge, England, the Festival will include music provided by The University of Alberta Mixed Chorus, under the direction of Ron Stevens, with Jeremy Spurgeon, organist from All Saints' Anglican Cathedral, as guest organist. The readers of the nine lessons will

represent various Faculties as well as a number of academic institutions in the Edmonton area. President Horowitz and Chancellor Savaryn will be among the readers.

The service from King's College Cambridge Chapel, broadcast internationally since 1922, has drawn a wide audience and has been adopted for use throughout the world.

The Festival in Convocation Hall will begin at noon. It is open to the public. □

Nursing Research Focus of National Conference

More than 150 nurses from across Canada met in Edmonton recently to attend a major conference on nursing research. Co-sponsored by the University of Alberta Hospitals and the University Faculty of Nursing, the conference was held 25 and 26 October at the Westin Hotel. Deans, directors of nursing, public health nurses, supervisors, general duty nurses, and educators from Halifax to Victoria were represented at the conference which took as its theme "Research and You . . . Toward a Research Based Clinical Nursing Practice."

The conference followed close on the heels of the announcement by Jim Horsman, Minister of Alberta Advanced Education and Manpower, of the establishment of the million dollar Alberta Foundation for Nursing Research (see *Folio*, 28 October).

Included in the conference program were a variety of distinguished nurse researchers who presented clinical papers and discussed ways and means of improving care through nursing research. A key question addressed by the group was "How can nursing research improve the quality of care that patients and their families receive?"

The keynote address was given by Jannetta MacPhail, Dean of Nursing at this University. Other major conference speakers included Margaret Scott Wright, Dean of

Nursing, University of Calgary; Shirley Stinson, Associate Dean of Nursing for Graduate Education and Research Development at this University; and Lorea Ytterberg, Vice-President of Nursing with the University Hospitals.

"There is a greatly increasing interest in nursing research across the country," says Dr. Stinson. "A successful conference like this one therefore becomes a really significant event." Another national conference focussing on nursing research will be held in Montreal in October 1983. □

people

Bruce Bain (Educational Psychology) and Agnes Yu (Edmonton Public Schools) presented a paper entitled "French immersion and English immersion: A tale of Cultures," to the Canadian Association of Immersion Teachers, Vancouver.

L. C. Green (University Professor) delivered a series of lectures—"Refugees and their Status in Histocio-Legal Perspective"—at the Institute of International Public Law



Three one-day workshops, organized by the University's Faculty of Extension, brought more than 240 of Alberta's top fitness instructors and trainers to Edmonton for "Octoberfit." The workshops, sponsored by Alberta Recreation and Parks, Edmonton Parks and Recreation, and the Edmonton YWCA, were run by Charles and Beth Kuntzleman of Fitness Finders Inc., Spring Harbor, Michigan. Their comprehensive approach, which incorporated dance exercises, mixers, use of apparatus, and games, emphasized the acknowledged objective of fitness training in Alberta, that is, to promote a healthy lifestyle through activity. That being the case, those involved (above) should be healthy indeed.

and Relations, Faculty of Law, University of Thessaloniki, Greece.

Peter M. Huck (Civil Engineering) is the 1982 recipient of the Willem Rudolfs Medal, presented annually by the Water Pollution Control Federation for the most outstanding contribution by industrial employees on any aspect of industrial wastes control as published in *Journal Water Pollution Control Federation* during the year preceding the award.

Dr. Huck and his co-authors, David W. Averill, Garabet H. Kassakhian, Robert T. Webber, and Duncan Moffett, were selected for their paper "Data Base Development for the Design of a Radium-226 Removal Process," published in the July 1981 issue of the *Journal*.

Dr. Huck and his colleagues received the award at the 55th Annual Conference of the Water Pollution Control Federation held in early October in St. Louis, Missouri.

Wendy Kinsey (Safety Training Coordinator) chaired the 13th Annual Canadian Society of Safety Engineering Professional Development Conference in Edmonton 19 to 22 September.

Congratulations to Joe Kirman (Elementary Education) whose article on the use of Landsat images in the November 1981 issue of the *Journal of Geography* has been selected as the best article on elementary teaching for 1981-82. He is to receive a 1982 NCGE *Journal of Geography* Award.

Two members of the University community have been appointed to a "Participation Study" established recently by the provincial government. Tom Leadbeater (University Senate) and Joanne Styles (graduate student) have been named to the committee which has been struck to determine participation trends among broad groups of Alberta post-secondary students. In addition, the committee will examine the historical and projected proportions of tuition fees relative to total cost factors faced by students participating in post-secondary education.

Gerald Lock (Mechanical Engineering) has been elected Chairman of the Board of Governors of Alberta College for a three-year term beginning 23 November 1982.

Juliet McMaster (English) was recently the guest speaker at the

conference of the Victorian Studies Association of Western Canada at the University of Winnipeg. She gave a paper on "Visual Design in *Pickwick Papers*." She also delivered the dinner address at the annual meeting of the Jane Austen Society of North America in Toronto in October, on "Hospitality" in Jane Austen's novels. At both meetings she also conducted panel discussions, one on Trollope, and one on carriages and travel in Jane Austen's novels.

Val Oldham (Secondary Education), a recent MEd graduate in the Department of Secondary Education, has had her thesis *Interpretations of Difficulty in High School Biology* selected by the Seventh Annual Conference on the Application of Curriculum Research as one of the top five in Canada. Miss Oldham delivered a presentation of her thesis to the conference which was held in Winnipeg on 25 and 26 November.

Norman Page (English) visited Spain earlier this year under the auspices of the British Council and lectured at the Universities of Seville, Caceres, and Badajoz. In England, he lectured at the Universities of Leicester, Loughborough, and Hull, and gave an invited paper at the biennial Thomas Hardy Conference held at Weymouth, Dorset.

J. Patrie (Elementary Education) has been selected as the Academic Consultant of a Canadian language training centre to be established in Peking during the coming year. The establishment of this academy will constitute the first phase of a CIDA-sponsored project for the People's Republic of China. The second phase, for which Dr. Patrie will also be the academic consultant, will be the establishment of a network of English language and orientation centres in Canada. Thus, Chinese students and scholars who wish to do work in Canada will first receive initial language and cultural training in Peking and will then be sent to a regional centre in Canada to bring their English to a level that will enable them to handle their academic programs.

Dr. Patrie will travel to China soon to initiate discussions of the academic program and do a needs analysis of the centre designated as the Canadian Institute.

Nathaniel Rutter (Geology) was elected Vice-President of the

International Union for Quaternary Research (INQUA) recently in Moscow. He is the first Canadian to be elected to the Executive Committee of the International Council in the Union's fifty-year history.

INQUA's purpose is to advance the knowledge of the earth's history during the past two to three million years through international cooperation in multi-disciplinary research that includes such fields as archaeology, botany, zoology, geology, and geography. The National Research Council of Canada has extended an invitation to host the XII Congress of INQUA in Canada in 1987.

T. Yedlin (Slavic and East European Studies) spent two weeks, 14 to 29 October, in New York attending the 37th United Nations General Assembly as a member of the Canadian delegation in the capacity of Special Advisor. The invitation was issued by the Honorable Allan J. MacEachen, Secretary of State for External Affairs.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Lectures and Seminars

Informal Italian Colloquia

Are held on Thursdays from 1 to 2 p.m. in the Department of Classics Faculty Lounge. They are open to anyone wishing to practice their Italian. 1-37 Humanities Centre.

Limnology and Fisheries Discussion Group

9 December, Noon. Tom Reynoldson, University of Alberta, will speak on "Biology of sewage treatment." G217 Biological Sciences Building.

16 December, Noon. Ed Riley, University of Alberta, will present a lecture entitled "The importance of sediments as a source of phosphorus in shallow lakes." G217 Biological Sciences Building.

Department of Classics

9 December, 3:30 p.m. R. J. Buck will speak on "The ancient Boeotians as Political Theorists." 1-8 Humanities Centre.

Centre for Criminological Research

9 December, 7:30 p.m. L. W. Kennedy, Director, Population Research Laboratory, Department of

Sociology, will speak on "Chinese Penal Institutions." 14-6 Tory Building.

Canadian Institute of Ukrainian Studies

10 December, 7:30 p.m. Lubomyr Luciuk will present a seminar on "The Galician Division: Its History and Migration." Heritage Lounge, Athabasca Hall.

Faculty of Extension

10 December, 12:15 p.m. H. Roberts, Faculty of Extension, will speak on "The Extension Function of the University." Music Room, Edmonton Public Library.

Department of Zoology

10 December, 3:30 p.m. Thomas Reimchen, Drizzle Lake Preserve, Queen Charlotte Islands, British Columbia, will present a seminar entitled "Structural and functional aspects of bony lateral plates in the Threespine Stickleback." 345 Earth Sciences Building.

Department of Immunology

13 December, 11 a.m. Kenneth Douglas Shortman, Head, Biophysics and Biochemistry, The Walter and Eliza Hall Institute of Medical Research, Victoria, Australia, will present a seminar entitled "T cell development in the thymus and the development of the cytotoxic T cell specificity repertoire." Dr. Shortman is a pioneer in cell separation techniques by physical means. This has enabled him to make major contributions in the field of lymphocyte ontogeny. The speaker is being sponsored by The Alberta Heritage Foundation for Medical Research. 866 Medical Sciences Building.

Department of Economics

13 December, 3 p.m. Sohrab Abizadeh, University of Alberta, will speak on "An Empirical Investigation of Wagner's Law of Rising Government Expenditures Share in Developing Countries." 8-22 Tory Building.

Department of Microbiology

13 December, 4 p.m. George E. Kenny, Professor and Chairman, Department of Pathobiology, University of Washington, Seattle, will present a seminar entitled "Theory of ELISA's Using Crude Antigens." The speaker is being sponsored by The Alberta Heritage Foundation for Medical Research. M-137 Biological Sciences Building.

Department of Comparative Literature

16 December, 4:30 p.m. Cyrus Hamlin, Department of English/Comparative Literature, University of Toronto, will speak on "The Faults of Vision and Coleridge's 'Kubla Khan'." Senate Chamber, Old Arts Building.

Music

Edmonton Gregorian Chant Choir

The choir meets every Monday from 7 to 8:30 p.m. For more information, call St. Joseph's College at 433-1569. No experience necessary. 3-01 Rutherford Library South.

Department of Music

9 December, 8 p.m. Chamber Music Class Recital. Convocation Hall, Old Arts Building.

10 December, 8 p.m., Murray Moats, tenor (Faculty) and Brenda Moats, flute. Convocation Hall.

10 and 11 December, 8 p.m. The Richard Eaton Singers Messiah performance, with the Edmonton Symphony Orchestra. Jubilee Auditorium.

12 December, 2 p.m. Society for Talent Education Annual Christmas Concert. Convocation Hall.

17 December, Noon. Festival of Nine Lessons and Carols. The University of Alberta Mixed Chorus - Ron Stephens, director, with Jeremy Spurgeon, organ. Sponsored by The University of Alberta Chaplains' Association. Convocation Hall.

19 December, 8 p.m. Messiah (Christmas portion) Edmonton Mennonite Church Choirs with Ron Dyck, director. Convocation Hall.

Edmonton Chamber Music Society

15 December, 8 p.m. The Society continues its series with The Orford String Quartet playing works by Mozart, Shostakovich, and Beethoven. Admission by season membership only, with season memberships available at the door at reduced rates for the remainder of the season. \$40 for five concerts (\$20 for seniors and full-time students). SUB Theatre.

Cosmopolitan Music Society

12 December, 8 p.m. A concert featuring the Society's band. For more information, phone the society at 432-9333.

75th Anniversary Events

Until 19 December. World Print III Exhibition. Organized by the World Print Council, the California College of Arts and Crafts, and Osaka University of Arts. Circulated by the Smithsonian Travelling Exhibitions Service. Ring House Gallery.

10 December, 8 p.m. Official Opening of Rebecca Aronky. MVA Exhibition. Ring House Gallery.

12 to 19 December. Rebecca Aronky: MVA Exhibition. Ring House Gallery.

Bruce Peel Special Collections Room

Until 5 January, 1983. "A Gallimaufry of 18th century books" (in honor of the Canadian Society for Eighteenth Century Studies). B-37 Cameron Library.

Rutherford House

The restored home of Alberta's first premier, A. C. Rutherford, is located on the campus of The University of Alberta, which he founded. Costumed guides show visitors through the refurbished rooms. Open: Although undergoing further restoration, Rutherford House will be open each Saturday and Sunday noon to 6 p.m. except for 25 and 26 December, and 1 and 2 January. Groups tours at other times may be arranged by calling 427-5708 during office hours at least one week in advance.

Films

Boreal Circle

14 December, 8 p.m. The third meeting of the 1982-1983 Boreal Circle series of the Boreal Institute for Northern Studies, The University of Alberta, will be held. Films to be shown are: "Snow Metamorphism," "Canada's Reindeer," "Where the River's Meet," and "The Elusive Whale." CW410 Biological Sciences Building.

Radio and Television

Radio

Programs broadcast on CKUA radio 580 AM 94.9 FM.

10 December, 7:30 p.m. International Development — "Women in the Third World."

11 December, 7 p.m. University Concert Hall — "Concerts, recitals and interviews with Faculty and special guests of the Department of Music."

15 December, 7 p.m. Masks and Faces — "Ethical Self."

15 December, 7:30 p.m. Extensions — "Instructors in the Faculty of Extension discuss their subject areas."

15 December, 7:45 p.m. Perspectives — "Issues underlying current events examined in lively debate format."

17 December, 7:30 p.m. International Development — "Big Corporations, Big Banking"

Television

Programs broadcast on Q-9 and C-13.

13 December, 9 p.m. Islam in Focus

15 December, 9 p.m. Triumph — "A look at pure research at the Tri-University Meson Facility"

16 December, 9 p.m. Hindsight/Foresight — "Spring Session at the University for Senior Citizens — a new lease on life"

Sports

Basketball

10 December, 7 p.m. Golden Bears vs. University of Winnipeg. Varsity Gym

11 December, 7 p.m. Golden Bears vs. Montana Tech Varsity Gym

"Over 35" Hockey

Entry deadline for this event will be 9 December at 1 p.m. in the Men's Intramural Office, Physical Education and Recreation Centre. Team entries preferred but individuals will be placed on a team.

Matters of Faith

Lutheran Campus Ministry Worship each Sunday at 10:30 a.m. in the Newman Centre, the west basement of St. Joseph's College. All are welcome.

Theatre

Studio Theatre

Until 11 December, 8 p.m. "Marat/Sade." Will be guest-directed by Barry MacGregor and feature among its cast the Department of Drama's Graduating Class in Acting.

Dance

10 and 11 December, 8 p.m. Formolo and Urban Dance. Tickets available at all BASS outlets. S.U.B. Theatre.

Non-Credit Courses

Faculty of Extension

Applied Behavioral Sciences Division

Understanding Blended Families

Dates: 10 and 11 December. Time: 9 a.m. to 4 p.m. Fee: \$55. Instructor: Carroll Ganam. For further information, call 432-5069.

Comprehensive Planning

Dates: 17 to 19 January. Time: 9 a.m. to 4:30 p.m. Fee: \$175. For further information, call Lloy at 432-2912.

Computing Services

Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2261, or come to 352 General Services Building.

MTS Overview

Course number: 829. Dates: 14, 16 December. Time: 10 a.m. to noon. Fee: \$15. Prerequisites: "MTS and Editor Fundamentals." Place: 315/327 GSB or 315/357 GSB.

MTS and Editor Fundamentals

Course number: 800. Dates: 15, 17 December.

Time: 11 a.m. to 1 p.m. Fee: \$15. Prerequisites: "Introduction to Computing" or equivalent working knowledge of a DECwriter terminal and the MTS system. Place: 351 GSB.

Introduction to SPIRES

Course number: 845. Date: 20 December. Time: 1 to 4 p.m. Fee: \$10. Prerequisites: "MTS and Editor Fundamentals" and a good working knowledge of file editing and terminal use. Place: 315/351 GSB.

Integrated Graphics Overview

Course number: 851. Date: 22 December. Time: 1 to 3:30 p.m. Fee: \$10. Prerequisites: "Introduction to Plotting" is recommended. Place: 315 GSB.

Introduction to Computing at the U of A

Course number: 780. Date: 20 December. Time: 11 a.m. to 1 p.m. Fee: \$10. Prerequisites: No previous computing experience, but familiarity with a keyboard is required. Place: 351 GSB.

Alberta Microelectric Centre Motorola and the MC68000 16 Bit Microprocessor

A four-day intensive hands-on course on this popular 16 bit microprocessor. To be held 14 to 17 December (Edmonton) and 18 to 21 January (Calgary). For more information, contact the Microelectronic Centre, 544 Civil/Electrical Engineering Building, telephone 432-3914.

Notices

Security of Parked Vehicles

From time to time thefts and associated vandalism occur to vehicles in University parkades and parking lots. While Parking Services and Campus Security endeavor to patrol these areas, it is not always possible to prevent such incidents. Vehicle operators are urged to securely lock their vehicles and not to leave items of value in them.

Scholarships, Fellowships and Awards

Imperial Oil Graduate Research Fellowships

Donor: Imperial Oil Limited. Where tenable: Unrestricted. Level: Graduate. Field: (a) Pure and applied natural and exact sciences. (b) Social sciences and humanities. Value: Annual stipend of \$7,000 for up to three years for a total of \$21,000. Number: (a) Three. (b) Three. Duration: Three years. Conditions: Canadian citizens who are university graduates or prospective graduates in the year of competition and who are working toward a doctoral degree; tenable at the university of the applicant's choice, and are not restricted to Canadian universities. Each candidate's application must be endorsed by the appropriate university authorities. Closing date: 1 February 1983. Further information and application forms should be requested from: Student Awards Office or Coordinator, Graduate Research Fellowships, Imperial Oil Limited, 111 St. Clair Avenue West, Toronto, Ontario M5W 1K3.

J. H. Stewart Reid Memorial Scholarship

Donor: The Canadian Association of University Teachers. Where tenable: At any Canadian university. Level: Post-graduate. Field: Unrestricted. Value: One fellowship in the amount

of \$5,000. Number: One. Duration: One year. Conditions: Canadian citizenship or residence in Canada with landed immigrant status from 29 February 1982 or earlier; completion of at least one full academic year of graduate work by 1 June 1983; a satisfactory academic record. Closing date: 28 February 1983. Further information and application forms should be requested from: Awards Officer, Canadian Association of University Teachers, 75 Albert Street, Suite 1001, Ottawa, Ontario K1P 5E7.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 3 December 1982. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in P.S.S.R.

Clerk Typist III (\$1,232 - \$1,487) Personnel Services
Clerk Steno III (Trust) (\$1,232 - \$1,487) Biochemistry
Clerk Steno III (\$1,232 - \$1,487) Extension-Educational Media
Admission Records Trainee (\$1,232 - \$1,487) Office of the Registrar
Secretary (Trust) (1,373 - \$1,682) Management Advisory Institute



The Department of Housing and Food Services
The University of Alberta
announces the official opening
of the new

Garneau Student Housing Complex

on

Tuesday, December 14th, 1982
You are cordially invited to an

Open House

between 4:00 and 8:00 p.m.

88th Avenue between 110th and 111th Streets



Administrative Clerk (Part-time) (Term) (\$686.50 - \$841) Pensions and Benefits Administration
 Departmental/Executive Secretary (\$1,548 - \$1,908) Graduate Studies and Research
 Pharmacist (Part-time) (Term) (\$954 - \$1,184) University Health Service
 Food Service Worker III (\$1,324 - \$1,616) Housing and Food Services
 Equipment Assistant II (\$1,373 - \$1,682) Physical Education
 Technician I (\$1,426 - \$1,754) Home Economics, Anatomy
 Technician I/II (Trust) (\$1,426 - \$1,992) Physiology
 Storeman III (Term) (\$1,548 - \$1,908) Purchasing
 Technician II/Technologist I (Trust) (\$1,616 - \$1,992) Biochemistry, Animal Science
 Technician II (Instrumentation) (\$1,616 - \$1,992) Food Science
 Laboratory Technologist I (\$1,754 - \$2,171) Provincial Laboratory
 Nurse (Trust) (\$1,829 - \$2,265) Pediatrics
 Nurse (\$1,829 - \$2,265) University Health Service
 Technologist III (\$2,078 - \$2,581) Genetics
 Programmer/Analyst III (Trust) (\$2,472 - \$3,085) Computing Services
 Programmer/Analyst III (\$2,472 - \$3,085) Computing Services
 Instrument Mechanic (\$2,985) Physical Plant (Utilities-Mechanical)
 Controlsfitter (\$2,985) Physical Plant (Building Maintenance)
 Pipefitter (Plumber) (\$2,985) Physical Plant (Maintenance)
 Electrician (\$2,997) Physical Plant (Electrical Utilities)
 Miscellaneous Trades Foreman (Salary will be determined by trade ticket) Physical Plant (Projects)
 Pipefitter Foreman (\$3,357) Physical Plant (Maintenance)

For vacant library positions, please contact the Library Personnel Office, 5th Floor, Cameron Library, telephone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of thirty words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For sale—Parkallen bungalow, \$89,900. Rented at \$920/month. Call DeAnna Larson 481-0936, 436-5250. Spencer's.
 For sale—"Rare find." Over 1,800 sq. ft. Close to University. Only \$109,000. Call DeAnna Larson 481-0936, 436-5250. Spencer's.
 Renting—Riverbend—The Courtyard—Townhomes. Double attached garages. Three bedrooms. Fireplace. Two baths. Main floor laundry. Exceptionally large master bedroom and ensuite. Helen Patterson 436-3050.
 For rent—Two bedroom apartment. \$395/month. Close to University, Southgate. Available immediately. 435-5410.
 For rent—One bedroom apartment, furnished/unfurnished. 10011 - 116 St. Bus from door to University. 20 Dec. \$415, 432-4104, 488-2113.
 For sale—Belgravia. Quiet location, large lot, four bedroom semi, two baths, updated kitchen, open

fireplace, developed basement. Reina Proudfoot. Royal Trust. 435-4869, 436-2556.
 Shared accommodation—Two bedroom house. Near the University. Female, non-smoker preferred for 1 Jan. Ruth 439-0910.
 Sale/rent—Four bedroom, lakefront home, two baths, two fireplaces (one in master B.R.). Attached, single garage. Easy commute. Available 18 Dec. \$600/month. References. 922-4402 or sale 467-7334. \$84,900.
 For rent—Three bedroom, semi-bungalow walking distance University. 1 Jan. - 1 July. 438-0222.
 For sale—By owner, three bedroom, fireplace, basement suite, double garage, 20 blocks University. \$85,500 or offers. 434-6689.
 For sale—Deluxe, executive bungalow, featuring oak panelling, pella windows, fireplaces, super master bedroom including full ensuite, therapy tub. Beautiful lot and pool. Liz Crockford Spencer's. 436-5250, 434-0555 res.
 For sale—Three bedrooms, fireplace, double garage. Glenora. \$107,500. Liz Crockford. Spencer's 436-5250, 434-0555.
 For sale—Terrific, two storey in Lansdowne. Pleasing, old brick features excellent large lot, newer plush beige carpet, super community, seven minutes to University. Liz Crockford. Spencer's 436-5250, 434-0555 res.
 For sale—Close to University, revenue, five bedrooms. \$92,000. \$20,000 cash to mortgage. Liz Crockford. Spencer's 436-5250, 434-0555 res.
 To rent—Heritage, three bedroom Spanish townhouse. Furnished, four appliances. \$600/month. D. D. Call weekends 437-7834.

Shared accommodations—In executive Riverbend townhouse. Large private bedroom, comfortable surroundings. Quiet-living person wanted. Call Denise 435-6355, 436-5250.
 Shared accommodations—Student to share home with family. Private room, cablevision, telephone. Excellent location near Southgate. Call Audrey 436-7456.
 For rent—Four bedroom house near Westmount. \$600, damage deposit. 478-9073 after 6 p.m.

Accommodations wanted

Wanted! Three bedroom home, quiet street (Belgravia). Up to \$120,000 DeAnna Larson 481-0936, 436-5250. Spencer's.
 Rental wanted—1,200+ sq. ft. (Ottewell, Holyrood, Gold Bar, Hardisty, etc.) For approximately six months or "Rent to purchase." DeAnna Larson 481-0936, 436-5250. Spencer's.
 Wanted—To rent or to buy. Three bedroom house in Windsor Park. 455-4692 after 6 p.m.

Automobiles and others

Visiting professor, leaving mid-December, selling 1973 Dodge Monaco, very good body, engine, tires. 432-3583, 426-6541.

Goods for sale

Unique, handwoven Christmas gifts. Open House sales 5 and 12 Dec. 1-5 p.m. Private showings by appointment. Custom orders taken until 12 Dec. Weaving by Dayna 434-4407, 4003-120 St.
 Wanted Folboat or Klepper, two seat folding canoe. Phone 433-0831.
 Ten-record set: Great Band Era (Reader's Digest).

Played once. \$35. (Bonus: photocopy of booklet not currently supplied with set.) 432-7816.
 Ray Salt will show recent wildlife watercolors at his home until mid December. 439-0964.
 Two dressers: six drawers each, 48" long. Teak day bed. 432-3826 days, 432-0507 evenings.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.
 Singing teacher, Eileen Turner 439-4661.
 General Carpentry Work—Renovations 434-9709 evenings.
 Relief for backache, stress, tension. The Krieg Clinic provides specialized medical massage and chirogymnastic. Fully qualified and German trained. Gifts certificates available. Maria Krieg C.P.H.T. 436-8059, 11627-75 Ave.
 Will type term papers, theses, etc. \$1.25 per page. Catherine 922-4517.
 Professional, finishing and general carpentry work. Call 432-7974.
 Term papers typed — IBM memory typewriter \$17/hour, fast accurate service. Call Lesley anytime 436-1999.
 Would like to do housework by the hour. Please call Monday or Fridays. 435-8944.
 Typing—Theses, etc. Experienced. 455-0641.
 Attention singles: Join our fascinating group! Social functions occurring 18 December, 31 December including good conversation, dancing, food, plays, music. Call Unitarian Singles 482-6795, 453-1293.
 Mature housesitter available. Very flexible. Excellent references supplied. Dean 452-3053.



University Press books

A History of The University of Alberta 1908-1969
Walter H. Johns \$25



Sunfield Painter
The Reminiscences of John Davenall Turner \$24.95



Civilizing the West
The Gaits and the development of western Canada \$21



A Flora of Waterton Lakes National Park
Job Kuijt \$21



Artists of Alberta
Suzanne Devonshire Baker \$13.50



BEST MOUNTED POLICE STORIES
make great Christmas presents! \$9.95

Available at the University Bookstore, S.U.B.